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IDENTIFICATION AND INTERPRETATION OF TECTONIC FEATURES FROM SKYLAB IMAGERY

EREP Investigation No. 438

Monthly Report

February 1, 1975 - February 28, 1975

Contract No. NAS9-14440

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Status

During this period we made a comparison between EREP S190-B color scene SL4-092-350 and U-2 color IR imagery (Frames 2755, 2757, 2759, Flight 72-112, accession number 00498, July 11, 1972) covering parts of the Western Mojave Desert and the San Bernardino Mountains. In this comparison enlargements were made of three parts of the EREP photograph corresponding to U-2 photographs. The main objective of the comparison was to examine areas of recent fault breaks.

Significant Results

Although the enlargements made from the EREP image have an inferior resolution relative to the unenlarged U-2 images we were able to recognize geomorphologic features associated with recent fault breaks.

Plans for Next Period

We plan to study selected geological and cultural features in the EREP S190-B scene and U-2 photographs for comparison of ground resolution qualitites.

Problems

None

Published Articles

None